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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

*(use as many sheets as necessary)*

Sheet

1

of

**I**

**Complete if Known**

Application Number

10/647.874

Filing Date

**August 25, 2003**

**First Named Inventor**

Williams et al.

**Group Art Unit**

2826

**Examiner Name**

## Unknown

Attorney Docket Number

2269-4209.2US (99-0174.02/US)

## U.S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

[illegible]

**Examiner  
Signature**

Date Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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Sheet	1	of	2
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Application Number	10/647,874
Filing Date	August 25, 2003
First Named Inventor	Williams et al.
Group Art Unit	2826
Examiner Name	Unknown
Attorney Docket Number	4209.2US (99-0174.02/US)

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PTO/SB/08B(10-01)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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**INFORMATION DISCLOSURE  
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Sheet 2 of 2

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Application Number	10/647,874
Filing Date	August 25, 2003
First Named Inventor	Williams et al.
Group Art Unit	2826
Examiner Name	Unknown
Attorney Docket Number	4209 211S (99-0174 02/US)

**OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
SA		U.S. Patent Application Publication No. 2002/0171177 A1 to Krichman et al., dated November 21, 2002	
		U.S. Patent Application Publication No. 2003/0151167 A1 to Krichman et al., dated August 14, 2003	
		MILLER et al., "Maskless Mesoscale Materials Deposition", Deposition Technology, September 2001, pages 20-22	
		MILLER, "New Laser-Directed Deposition Technology", Microelectronic Fabrication, August 2001, 1 page	
		Webpage, Objet Prototyping the Future, Objet FullCure700 Series, 1 page	
M		Webpage, Objet Prototyping the Future, How it Works, 2 pages	

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Form PTO-1449  <b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b>  <i>(Use several sheets if necessary)</i>				Docket Number (Optional) <b>4209.2US (99-0174.02/US)</b>		Application Number <b>Not Yet Assigned</b>	
				Applicant <b>Williams t al.</b>			
				Filing Date <b>August 25, 2003</b>		Group Art Unit <b>Unknown</b>	

  

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4,863,538	09/1989	Deckard			
	4,944,817	07/1990	Bourell et al.			
	5,017,753	05/1991	Deckard			
	5,088,047	02/1992	Bynum			
	5,132,143	07/1992	Deckard			
	5,155,321	10/1992	Grube et al.			
	5,155,324	10/1992	Deckard et al.			
	5,156,697	10/1992	Bourell et al.			
	5,173,220	12/1992	Reiff et al.			
	5,182,170	01/1993	Marcus et al.			
	5,252,264	10/1993	Forderhase et al.			
	5,264,061	11/1993	Juskey et al.			

  

FOREIGN PATENT DOCUMENTS							
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO

  

OTHER DOCUMENTS		(Including Author, Title, Date, Pertinent Pages, Etc.)

  

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U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,278,442	01/1994	Prinz et al.			
	5,284,695	02/1994	Barlow et al.			
	5,304,329	04/1994	Dickens, Jr. et al.			
	5,316,580	05/1994	Deckard			
	5,325,265	06/1994	Turlik et al.			
	5,332,051	07/1994	Knowlton			
	5,342,919	08/1994	Dickens, Jr. et al.			
	5,352,405	10/1994	Beaman et al.			
	5,385,780	01/1995	Lee			
	5,484,314	01/1996	Farnworth			
	5,527,877	06/1996	Dickens, Jr. et al.			
	5,648,450	07/1997	Dickens, Jr. et al.			

  

FOREIGN PATENT DOCUMENTS							
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OTHER DOCUMENTS	
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U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
HA	5,672,312	09/1997	Almquist et al.			
	5,673,258	09/1997	Helbig et al.			
	5,705,117	01/1998	O'Connor et al.			
	5,733,497	03/1998	McAlea et al.			
	5,749,041	05/1998	Lakshminarayan et al.			
	5,814,536	09/1998	Rostoker et al.			
	5,817,206	10/1998	McAlea et al.			
	5,900,670	05/1999	Schneider et al.			
	5,981,085	11/1999	Ninomiya et al.			
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WD	6,296,493	10/2001	Michiya			
	6,468,891	10/2002	Williams			

  

FOREIGN PATENT DOCUMENTS							
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						YES	NO

  

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Filing Date

August 22, 2003

**First Named Inventor**

Williams et al.

### Group Art Unit

Unknown

**Examiner Name**

Unknown

Attorney Docket Number

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## U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No.¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code² (if known)			
ad		US-4,526,646	07/02/1985	Suzuki et al.	
		US- 4,543,659	09/24/1985	Ozaki	
		US- 4,738,437	04/05/1988	Sacks et al.	
		US- 4,899,921	02/13/1990	Bendat et al.	
		US- 5,059,559	10/22/1991	Takahashi et al.	
		US- 5,113,565	05/19/1992	Cipolla et al.	
		US- 5,145,099	09/08/1992	Wood et al.	
		US- 5,238,174	08/24/1993	Ricketson et al.	
		US- 5,288,698	02/22/1994	Banjo et al.	
		US- 5,430,666	07/04/1995	DeAngelis et al.	
		US- 5,463,227	10/31/1995	Stern et al.	
		US- 5,471,310	11/28/1995	Spigarelli et al.	
		US- 5,508,684	04/09/1996	Ota et al.	
		US- 5,516,023	05/14/1996	Kono	
wd		US- 5,516,026	05/14/1996	Ariye et al.	
		US- 5,644,245	07/01/1997	Saitoh et al.	
		US-			
		US-			
		US-			
		US-			

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